

## 6 Meter Yagis - SSB/CW/FM

Computer-aided modeling and test range techniques were used by Cushcraft engineers to further optimize the performance of our popular 6 meter Yagis. This process means more gain and cleaner patterns with excellent front-to-back ratios. S-models have very broad bandwidth so they will not detune in bad weather. They feature stainless steel hardware for long trouble-free life. Enjoy the new popularity and exciting contacts on the 6 meter band with one of the S-series Cushcraft Yagis. The A503S, A505S and A506S may be mounted vertically for FM use.



## 10 Meters

Looking for a lightweight, economical alternative to the 10 meter big boys? Choose the TEN3. Although it's popular with novices and technicians, this antenna is for any ham who wants more gain with a good front to back ratio on 10 meters. This antenna has an 8 foot boom (2.4m) making it easy to install on a very simple mount with only a light rotator. The matching system is our proven Reddi-Match for 50 Ohm no balun feed and SO-238 connector. Make more positive contacts with the TEN3.

MODEL	A503S	A505S	A506S	TEN3
Frequency, MHZ:	50-54	50-54	50-54	28-29.7
No. Elements:	3	5	6	3
Forward Gain, dBi:	8	10.5	11.6	8
Front to Back Ratio, dB:	20	24	26	25
SWR 1.2:1 Typical:				
2:1 Bandwidth, MHZ:	>1	>1	>1	>1.5
Power Rating, Watts PEP:	1000	1000	1000	1500
3dB Beamwidth, Degrees				
E Plane:	76	56	48	64
Boom Length, ft (m):	6 (1.8)	12 (3.7)	20 (6.1)	8 (2.44)
Longest Element, in (cm):	117 (300)	123 (312)	119 (302)	18 (5.49)
Turning Radius, ft (m):	6 (1.8)	7.8 (2.37)	11.5 (3.5)	9.8 (3.0)
Mast Size Range, in (cm):	1.5-2 (3.8-5.1)	1.5-2 (3.8-5.1)	1.5-2 (3.8-5.1)	1.5-2 (3.8-5.1)
Wind Load, ft2 (m2):	1.80 (0.17)	2.9 (0.273)	4.46 (.41)	2.0 (.20)
Weight, lb (kg):	7 (3.2)	11 (5.0)	18 (8.2)	9.9 (4.45)

